

### Problem 1

To retrieve html files in folder:

```
wget -i urlist.txt
```

To extract text from a given URI, getText() from A3.py was used. It calls a request and uses JusText to remove boilerplates.

### Problem 2

To check matches this command was used:

```
grep -rnw /path/to/text/ -e 'query_term' | wc -w
```

TFIDF	TF	IDF	URI
0.408182	0.02	20.4091	<a href="http://bit.ly/2ENbqDM">http://bit.ly/2ENbqDM</a>
0.92861405	0.0455	20.4091	<a href="http://dailycaller.com/2018/02/18/trump-oprah-winfrey-60-minute/?utm_source=site-share">http://dailycaller.com/2018/02/18/trump-oprah-winfrey-60-minute/?utm_source=site-share</a>
0.43471383	0.0213	20.4091	<a href="http://read.bi/2jWZ4xP">http://read.bi/2jWZ4xP</a>
0.463898843	0.02273	20.4091	<a href="http://politi.co/2ECvmtV">http://politi.co/2ECvmtV</a>
0.31430014	0.0154	20.4091	<a href="http://politi.co/2FcZxoj">http://politi.co/2FcZxoj</a>
0.40001836	0.0196	20.4091	<a href="https://fb.me/Ny5nBy4z">https://fb.me/Ny5nBy4z</a>
0.37960926	0.0186	20.4091	<a href="https://en.pakistantv.tv/2018/02/19/trump-faces-calls-to-act-against-russia-after-muellers-indictments/">https://en.pakistantv.tv/2018/02/19/trump-faces-calls-to-act-against-russia-after-muellers-indictments/</a>
0.32858651	0.0161	20.4091	<a href="http://bit.ly/2ofRTI5">http://bit.ly/2ofRTI5</a>
0.47553203	0.0233	20.4091	<a href="http://cnn.it/2jAtPcK">http://cnn.it/2jAtPcK</a>
0.30001377	0.0147	20.4091	<a href="https://fb.me/7vZpAwBH2">https://fb.me/7vZpAwBH2</a>

Problem 3 results:

Using pr.domaineye	
PageRank	URI
8	<a href="http://bit.ly/2ENbqDM">http://bit.ly/2ENbqDM</a>
6	<a href="http://dailycaller.com/2018/02/18/trump-oprah-winfrey-60-minute/?utm_source=site-share">http://dailycaller.com/2018/02/18/trump-oprah-winfrey-60-minute/?utm_source=site-share</a>
7	<a href="http://read.bi/2jWZ4xP">http://read.bi/2jWZ4xP</a>
7	<a href="http://politi.co/2ECvmtV">http://politi.co/2ECvmtV</a>
7	<a href="http://politi.co/2FcZxoj">http://politi.co/2FcZxoj</a>
8	<a href="https://fb.me/Ny5nBy4z">https://fb.me/Ny5nBy4z</a>
2	<a href="https://en.pakistantv.tv/2018/02/19/trump-faces-calls-to-act-against-russia-after-muellers-indictments/">https://en.pakistantv.tv/2018/02/19/trump-faces-calls-to-act-against-russia-after-muellers-indictments/</a>
N/A	<a href="http://bit.ly/2ofRTI5">http://bit.ly/2ofRTI5</a>
9	<a href="http://cnn.it/2jAtPcK">http://cnn.it/2jAtPcK</a>
N/A	<a href="https://fb.me/7vZpAwBH2">https://fb.me/7vZpAwBH2</a>